



GE052: MicroStation Training





Training Description:

This intensive training is designed for the participants to learn how to use MicroStation, from beginner basics to advanced techniques, taught by industry Experts.

MicroStation Training is a Modeling, Documentation, and Visualization Software. No matter what design information you are working with or what kind of deliverables are required, MicroStation gives you power to get the job done on time and on budget. With the MicroStation, you can easily view, model, document, and visualize projects of any size or complexity. Bentley's MicroStation family of products provides traditional CAD capabilities and the power and versatility to precisely view, model, document, and visualize information-rich 2D and 3D designs of all types and scales, working for professionals in every discipline on infrastructure projects of every type. Deliver projects smarter Using the MicroStation Technology. You can confidently take on any design, construction, or operations project with proven MicroStation technology.

Training Objectives:

The primary aim of the course is to provide them with an overview of the more common commands of the MicroStation software, allowing them to create 2D drawings that are both accurate and visually appealing. The MicroStation tutorial covers all of the basic features of MicroStation including shapes, levels, cells, libraries, patterning and dimensions.

Training Designed for:

This course is intended for experienced AutoCAD users who wish to become conversant with MicroStation.

Training Program:

FIVE DAYS:

- ❖ PRE-TEST
- ❖ Introduction
- ❖ Startup
- ❖ Lines, Circles, & View Controls
- ❖ Selecting & Deleting Elements
- ❖ Snaps & Tentative Points
- ❖ Design Plane & Working Units
- ❖ AccuDraw
- ❖ Absolute Coordinates & Grids
- ❖ Polygons
- ❖ Arcs and Ellipses
- ❖ SmartLine
- ❖ Element Symbology
- ❖ Advanced Selection Sets
- ❖ Manipulate Tools
- ❖ Modify Tools
- ❖ Editing with Fences
- ❖ Inquiry Tools
- ❖ Annotation





- ❖ Dimensioning
- ❖ Plotting and Printing

MicroStation training is used both as a software as well as a technology platform for infrastructure

The MicroStation– 2 Level 2 V8i, XM, V8, or V7

- ❖ Introduction
- ❖ Patterning (Hatching)
- ❖ Key-Ins
- ❖ Advanced
- ❖ AccuDraw
- ❖ Multi-Lines
- ❖ Advanced Dimensioning
- ❖ Custom Line Styles
- ❖ Advanced Annotation
- ❖ Curves
- ❖ Reference Files & Models
- ❖ Points
- ❖ Customization
- ❖ Project Explorer
- ❖ Cells
- ❖ Miscellaneous Items
- ❖ Tags
- ❖ Complex Elements

MicroStation Training MicroStation tutorial Comprise latest version of MicroStation

MicroStation V8i – 3D Level 3

- ❖ Introduction
- ❖ AccuDraw in 3D
- ❖ Create Solids
- ❖ Tools
- ❖ Solids Utility Tools
- ❖ Free-Form Surfaces
- ❖ 2D/3D, Cells
- ❖ Patterning
- ❖ Perspective Views and Basic Camera Setup
- ❖ Material Assignments
- ❖ Luxology Photo-Realistic Rendering
- ❖ Models and Views
- ❖ 3D Primitive
- ❖ Tools
- ❖ Modify Solids Tools
- ❖ Create Surfaces
- ❖ Modify Surfaces
- ❖ Drawing
- ❖ Composition





- ❖ Lights and Advanced Camera Settings
- ❖ Advanced Rendering Setup
- ❖ Solar Studies and Fly Through
- ❖ Course Conclusion
- ❖ POST-TEST and EVALUATION

Training Requirements:

“Hands-on practical sessions, equipment and software will be applied during the course if required and as per the client’s request”.

Please note that the above topics can be amended as per client’s learning needs and objectives. Further, it should be forwarded to us a month prior to the course dates.

Training Methodology:

This interactive training course includes the following training methodologies as a percentage of the total tuition hours:

- 30% Lectures, Concepts, Role Play
- 70% Workshops & Work Presentations, Techniques, Based on Case Studies & Practical Exercises, Software & General Discussions
- Pre and Post Test

Training Certificate(s):

Internationally recognized certificate(s) will be issued to each participant who completed the course.

Training Timings:

Daily Timings:

07:45 - 08:00	Morning Coffee / Tea
08:00 - 10:00	First Session
10:00 - 10:20	Recess (Coffee/Tea/Snacks)
10:20 - 12:20	Second Session
12:20 - 13:30	Recess (Prayer Break & Lunch)
13:30 - 15:00	Last Session

For training registrations or in-house enquiries, please contact:

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Training & Career Development Department

